

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

FEB 19 1982

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917) December, 1978

SECTION I

MANUFACTURER'S NAME Koppers Co., Inc.		EMERGENCY TELEPHONE NO. 213-726-8666
ADDRESS (Number, Street, City, State, and ZIP Code) 5431 District Blvd, Los Angeles, CA 90040		
CHEMICAL NAME AND SYNONYMS Solvent	TRADE NAME AND SYNONYMS Koppers Thinner T-1094-66	
CHEMICAL FAMILY Solvent	FORMULA	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS **			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES	%	TLV (Units)
** Butyl Acetate		150PPM
Butyl Alcohol		50PPM
Isopropyl Alcohol		50PPM
Toluol		100PPM
Methyl Ethyl Ketone		200PPM

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)		SPECIFIC GRAVITY (H ₂ O=1)	WT/GAL 6.86 lbs
VAPOR PRESSURE (mm Hg.)		PERCENT, VOLATILE BY VOLUME (%)	100%
VAPOR DENSITY (AIR=1)		EVAPORATION RATE (_____ =1)	Fast
SOLUBILITY IN WATER	Slight		
APPEARANCE AND ODOR			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) 26°F TOC	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA Water fog, foam, dry chemicals or CO ₂ .			
SPECIAL FIRE FIGHTING PROCEDURES Use air supplied equipment for enclosed areas. Cool exposed containers with water.			
UNUSUAL FIRE AND EXPLOSION HAZARDS Keep away from heat, sparks, or open flame.			

SECTION V - HEALTH HAZARD DATA

T-1094-66

THRESHOLD LIMIT VALUE

50 PPM

EFFECTS OF OVEREXPOSURE

Irritation to eyes, nose and throat near or above 50 ppm from vapors.

Higher concentrations cause drowsiness, dizziness, followed by coma.

EMERGENCY AND FIRST AID PROCEDURES

If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Call a physician. In case of skin contact, wash thoroughly with soap and water; for eyes, flush immediately with plenty of water for 15 minutes and contact a physician. Wash contaminated clothing before reuse. If swallowed, CALL A PHYSICIAN IMMEDIATELY. DO NOT induce vomiting.

SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

X

INCOMPATIBILITY (Materials to avoid)

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS
POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

X

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Recover all possible, then wipe up with rags, sawdust, etc.

WASTE DISPOSAL METHOD

Dispose of in accordance with local applicable regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type) Organic vapor canister where oxygen content is adequate and vapor concentration is less than 2% or use air supplied face masks.

VENTILATION

LOCAL EXHAUST

X

SPECIAL

MECHANICAL (General)

X

OTHER

PROTECTIVE GLOVES

Rubber Gloves

EYE PROTECTION

Goggles

OTHER PROTECTIVE EQUIPMENT

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep containers closed. Avoid flames, welding, smoking, sparks, open lights, etc.

OTHER PRECAUTIONS

Maintain good personal hygiene. Do not use in confined areas, tank or pit without adequate ventilation.